

Point Beach 1

2Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



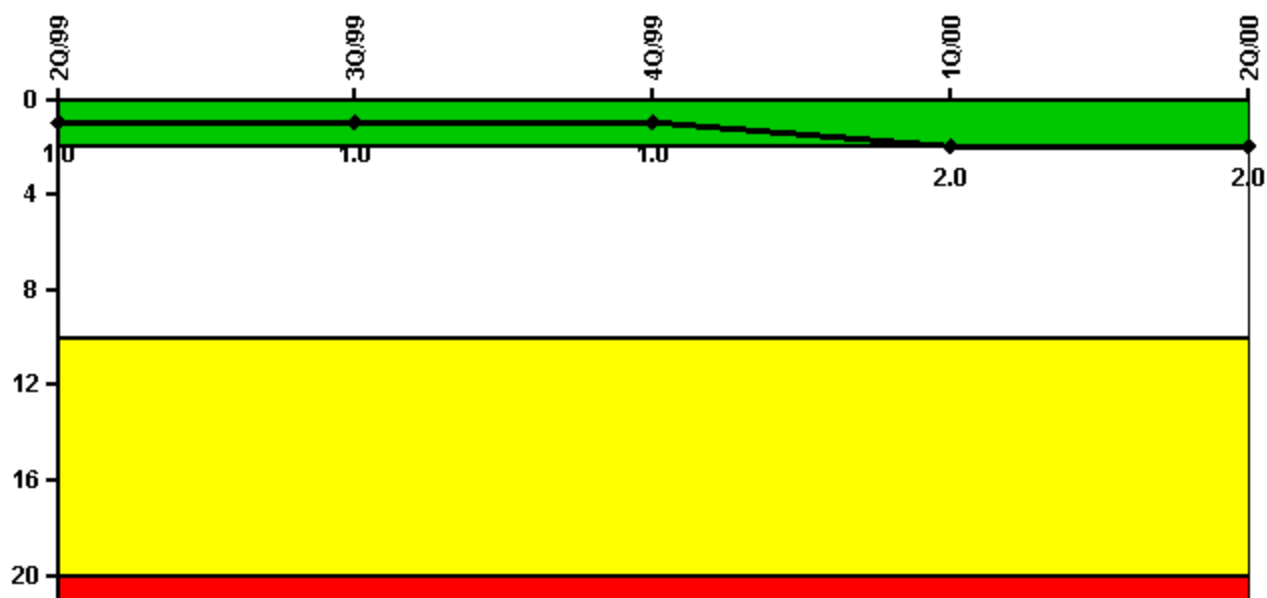
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned scrams	1.0	0	0	1.0	0
Critical hours	1919.3	2208.0	930.5	1828.2	2183.0
Indicator value	0.8	0.8	1.0	2.0	1.0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



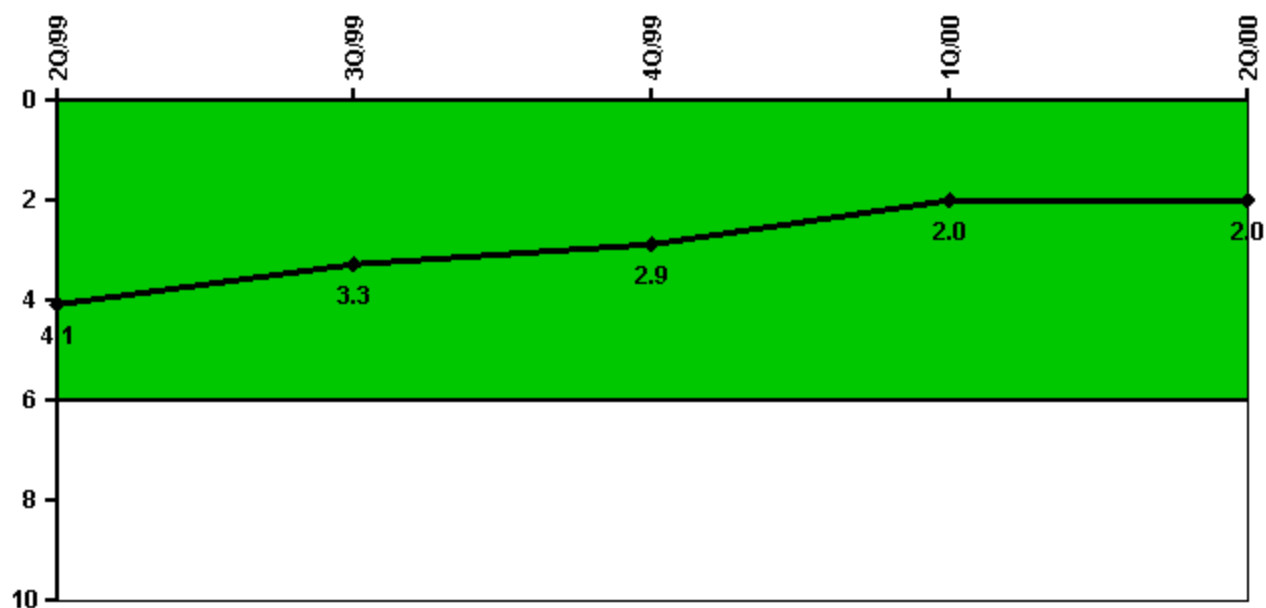
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Scrams	1.0	0	0	1.0	0
Indicator value	1.0	1.0	1.0	2.0	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



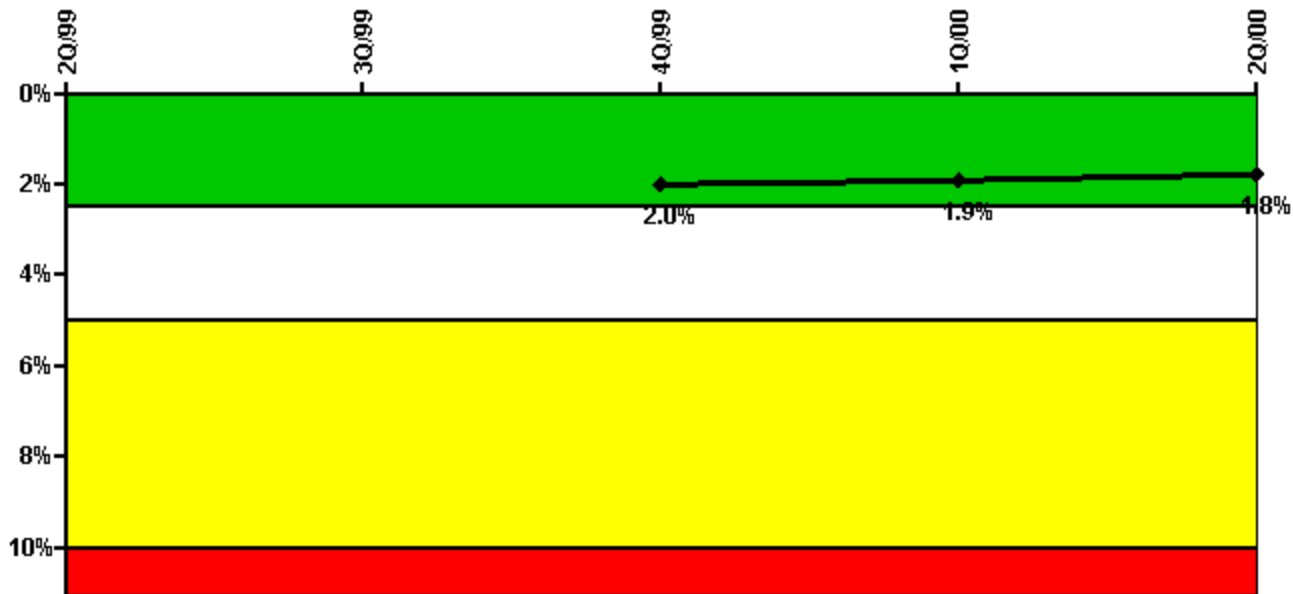
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned power changes	1.0	0	0	1.0	1.0
Critical hours	1919.3	2208.0	930.5	1828.2	2183.0
Indicator value	4.1	3.3	2.9	2.0	2.0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	0	0	46.72	29.72
Unplanned unavailable hours	0	1.80	0	0	0
Fault exposure hours	0	41.00	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	0	0	0	13.13	15.93
Unplanned unavailable hours	0	0	2.50	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value			2.0%	1.9%	1.8%

Licensee Comments:

2Q/00: Per FAQ 194, changed report from 4 trains to 2 trains. Trains 1 and 2 are 1A05 and 1A06, respectively for all data since Q1/1997. 1996 data was deleted since it is not required. (10/14/00)

2Q/00: Per FAQ 194, changed report from 4 trains to 2 trains. Trains 1 and 2 are 1A05 and 1A06, respectively for all data since Q1/1997. 1996 data was deleted since it is not required. (10/14/00) Engineering Review of all 2000 EAC data revealed time incorrectly reported (ex. incorrect time, math errors, incorrect classification). (4/18/01)

1Q/00: 4/18/01: Engineering Review of all 2000 EAC data revealed time incorrectly reported (ex. incorrect time, math errors, incorrect classification).

4Q/99: The historical safety system unavailability was calculated using data collected for WANO using the WANO definitions. This data is nearly identical to the data that would be collected using the NRC definitions, except in the case of EAC unavailability. Due to the amount of time necessary to recreate the data for this indicator, we are reporting the data based on the WANO definitions for the historical data, and will begin

using the NRC definitions for 1st quarter, 2000, data.

3Q/99: Revised 10/13/00. Increased unplanned unavailable hours from 15 minutes to 1 hour, 50 minutes as a result of resolving Condition Report (CR) 99-2185 in September, 1999. Added 22.5 hours (CR-2077) and 18.5 hours (CR 99-2185) for a total of 41 hours fault exposure in September 1999.

4Q/98: Revised 3/27/00. See comments for 1Q97.

4Q/97: Revised 3/27/00. See 1Q97 comments.

3Q/97: Revised 3/27/00. See comments for 1Q97.

2Q/97: 2Q/01, revised fault exposure hours from 0 to 9.5; identified in April, 2001 during review.

2Q/97: Revised 3/27/00. See comment for 1Q97.

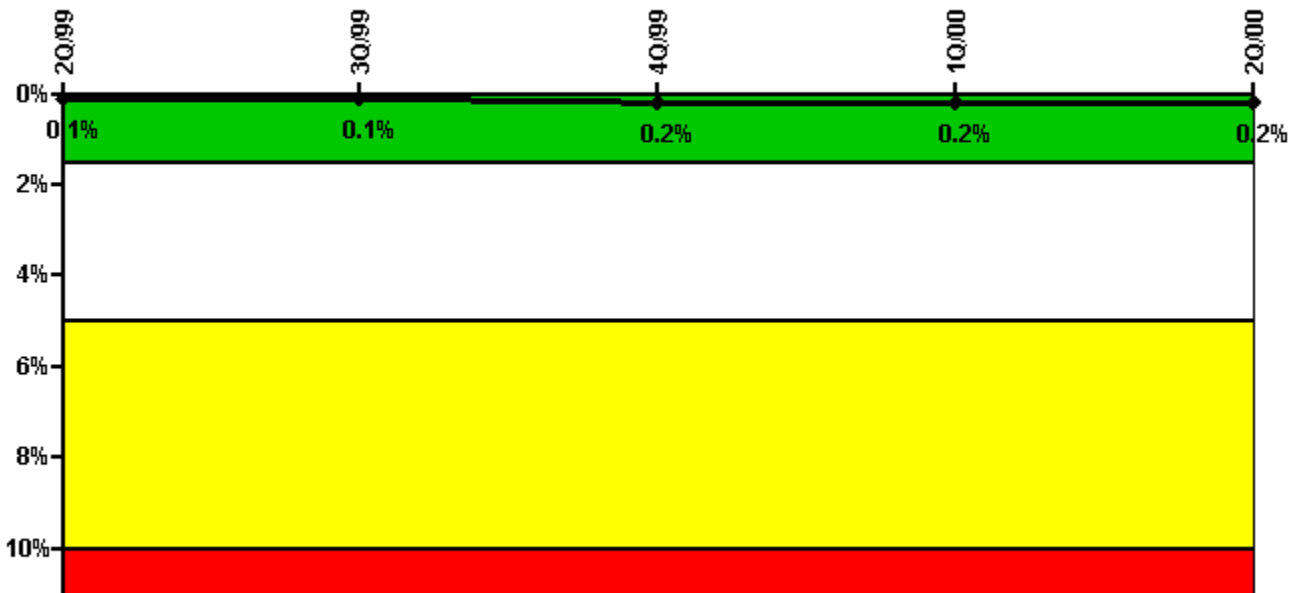
1Q/97: Revised on 3/27/00 due to errors identified in calculation methodology for 1 and 2 quarters of 1997. Other revisions to 3Q97, 4Q97, 4Q98, and 3Q99 due to data entry errors in INPO database (original source for this information)

4Q/96: Deleted 1996 data. See comment Q2/2000. (10/14/00)

3Q/96: Deleted 1996 data. See comment Q2/2000. (10/14/00)

2Q/96: Deleted 1996 data. See comment Q2/2000(10/14/00)

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0.30	0.40	0.40	0.90	0

Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1921.20	2208.00	931.50	1835.60	2183.00
Train 2					
Planned unavailable hours	0.30	0.80	0.50	9.60	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1921.20	2208.00	931.50	1835.60	2183.00
Indicator value	0.1%	0.1%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	6.90	9.00	5.17	6.10	43.80
Unplanned unavailable hours	0	0	0	13.30	8.60
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1978.80	2208.00	1102.80	1967.50	2183.00
Train 2					

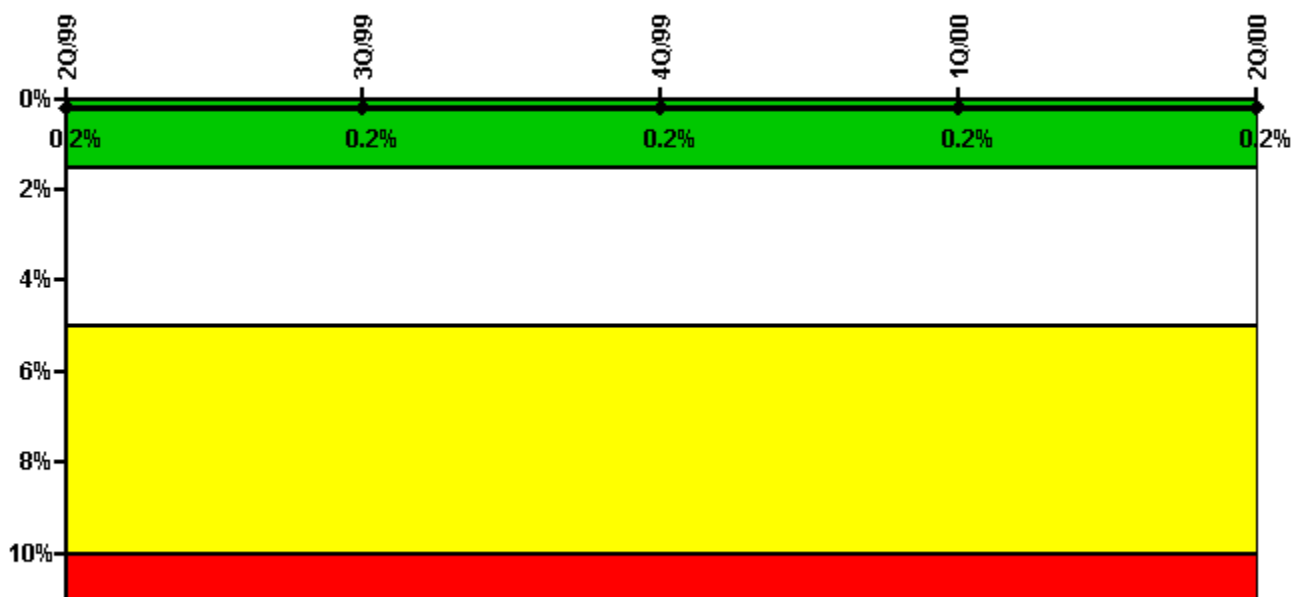
Planned unavailable hours	21.10	7.80	0	2.58	18.10
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1978.80	2208.00	1102.80	1967.50	2183.00
Train 3					
Planned unavailable hours	17.80	6.60	0	2.20	17.70
Unplanned unavailable hours	15.80	0	0	0	20.60
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1978.80	2208.00	1102.80	1967.50	2183.00
Indicator value	1.3%	1.2%	1.1%	1.1%	1.2%

Licensee Comments:

1Q/00: The planned unavailability for trains 2 and 3 was revised due to the discovery of an error in the original submittal. This does not change the color of the indicator.

4Q/99: The historical safety system unavailability was calculated using data collected for WANO using the WANO definitions. This data is nearly identical to the data that would be collected using the NRC definitions, except in the case of EAC unavailability. Due to the amount of time necessary to recreate the data for this indicator, we are reporting the data based on the WANO definitions for the historical data, and will begin using the NRC definitions for 1st quarter, 2000, data. The planned unavailability for train 1 was changed due to the discovery of an error. This change does not change the color of the indicator.

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

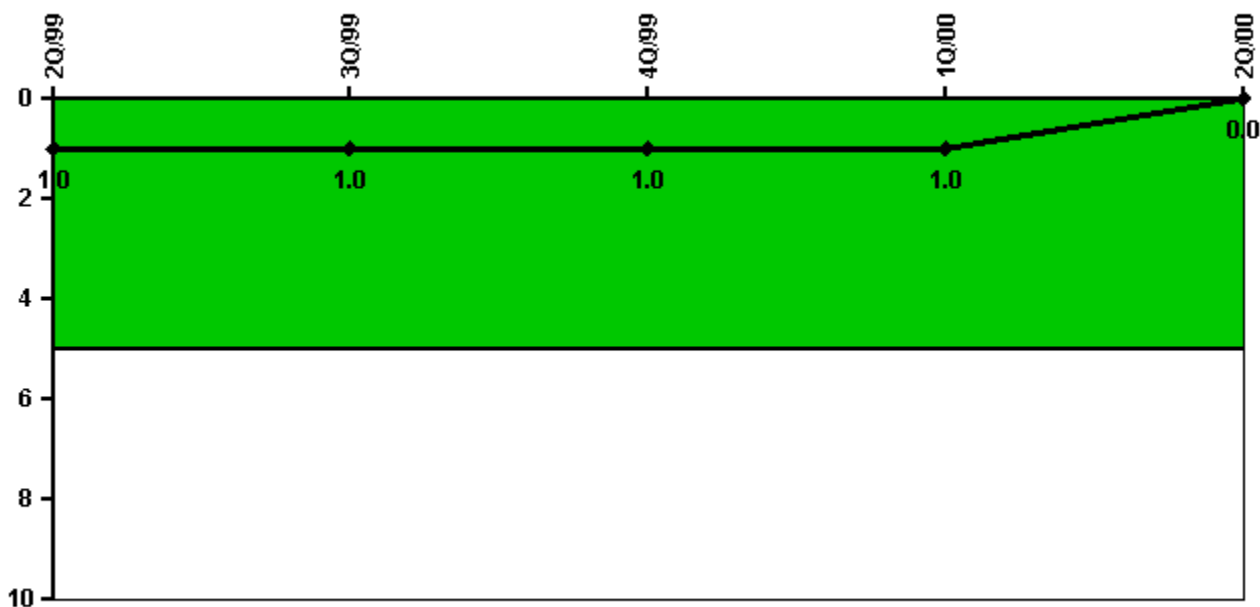
Notes

--	--	--	--	--	--

Safety System Unavailability, Residual Heat Removal System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	2.00	1.00	1.20	0.80	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1921.20	2208.00	1905.60	2184.00	2183.00
Train 2					
Planned unavailable hours	1.60	1.00	0.70	0.70	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1921.20	2208.00	1806.40	2184.00	2183.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Functional Failures (PWR)



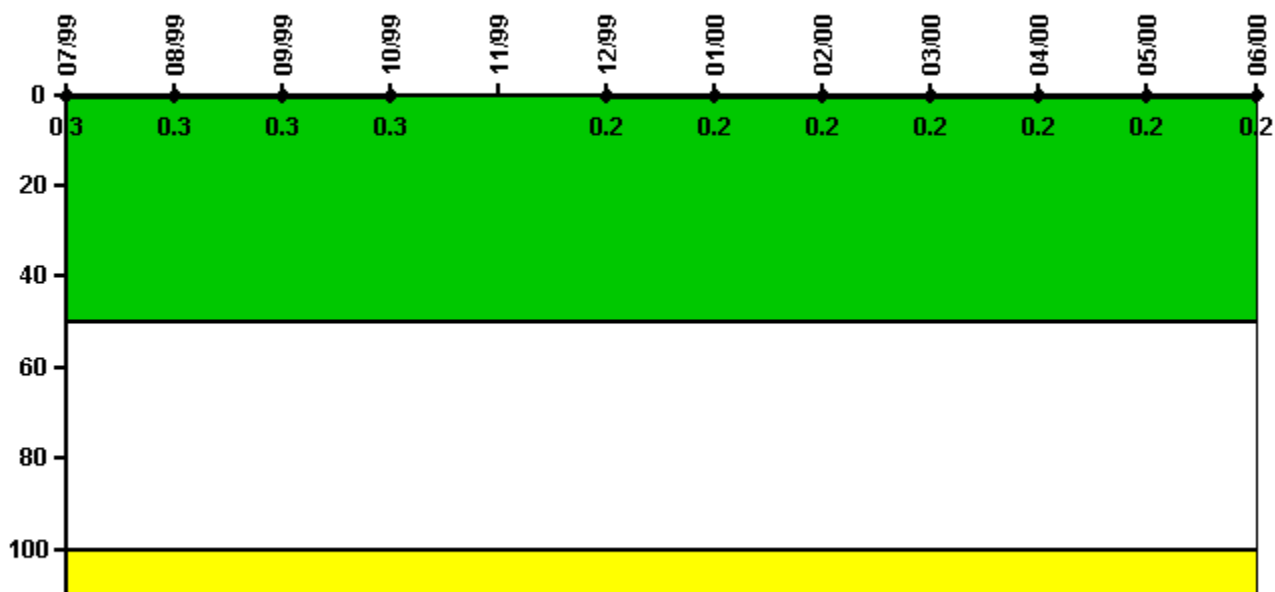
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Safety System Functional Failures	1	0	0	0	0
Indicator value	1	1	1	1	0

Licensee Comments: none

Reactor Coolant System Activity



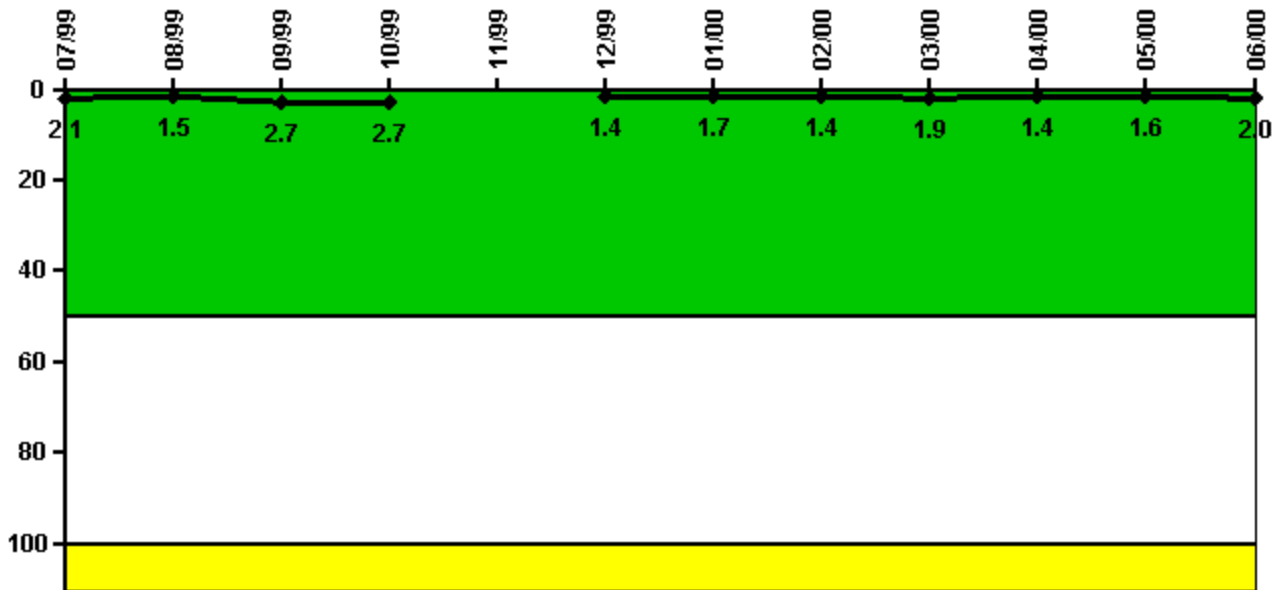
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum activity	0.002050	0.002310	0.002480	0.002370	N/A	0.001310	0.001310	0.001430	0.001550	0.001500	0.001660	0.001770
Technical specification limit	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Indicator value	0.3	0.3	0.3	0.3	N/A	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



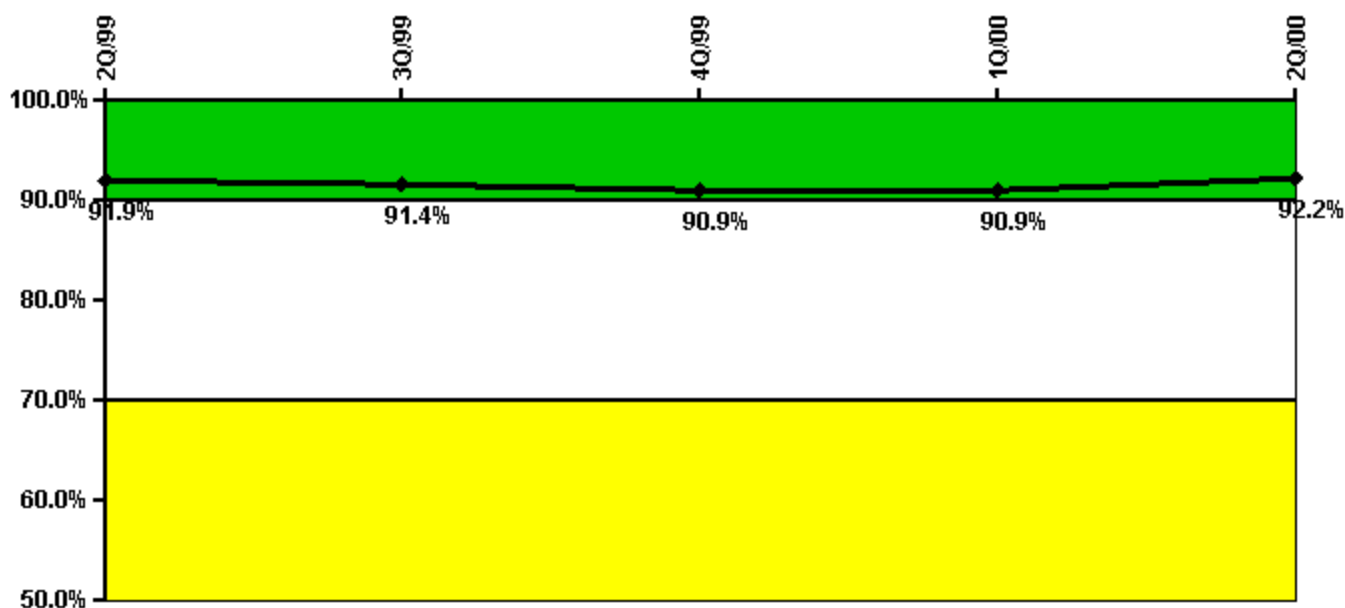
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum leakage	0.210	0.154	0.270	0.270	N/A	0.140	0.170	0.140	0.190	0.144	0.156	0.200
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.1	1.5	2.7	2.7	N/A	1.4	1.7	1.4	1.9	1.4	1.6	2.0

Licensee Comments: none

Drill/Exercise Performance



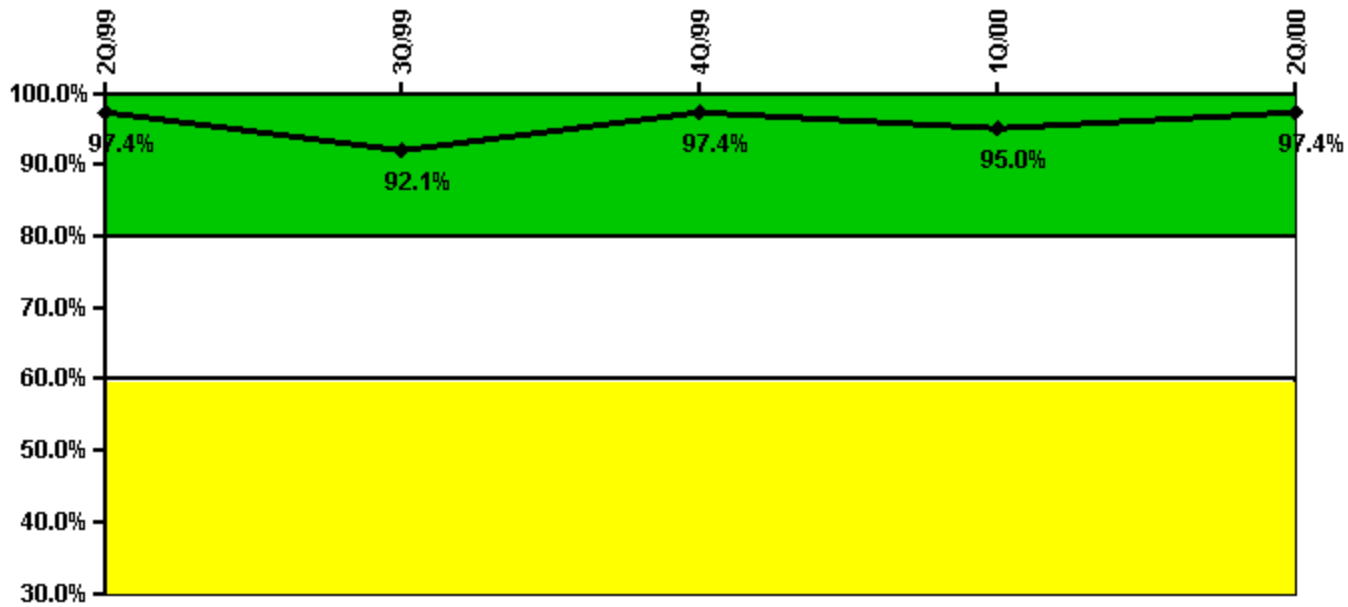
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful opportunities	11.0	6.0	16.0	0	14.0
Total opportunities	12.0	7.0	18.0	0	14.0
Indicator value	91.9%	91.4%	90.9%	90.9%	92.2%

Licensee Comments: none

ERO Drill Participation



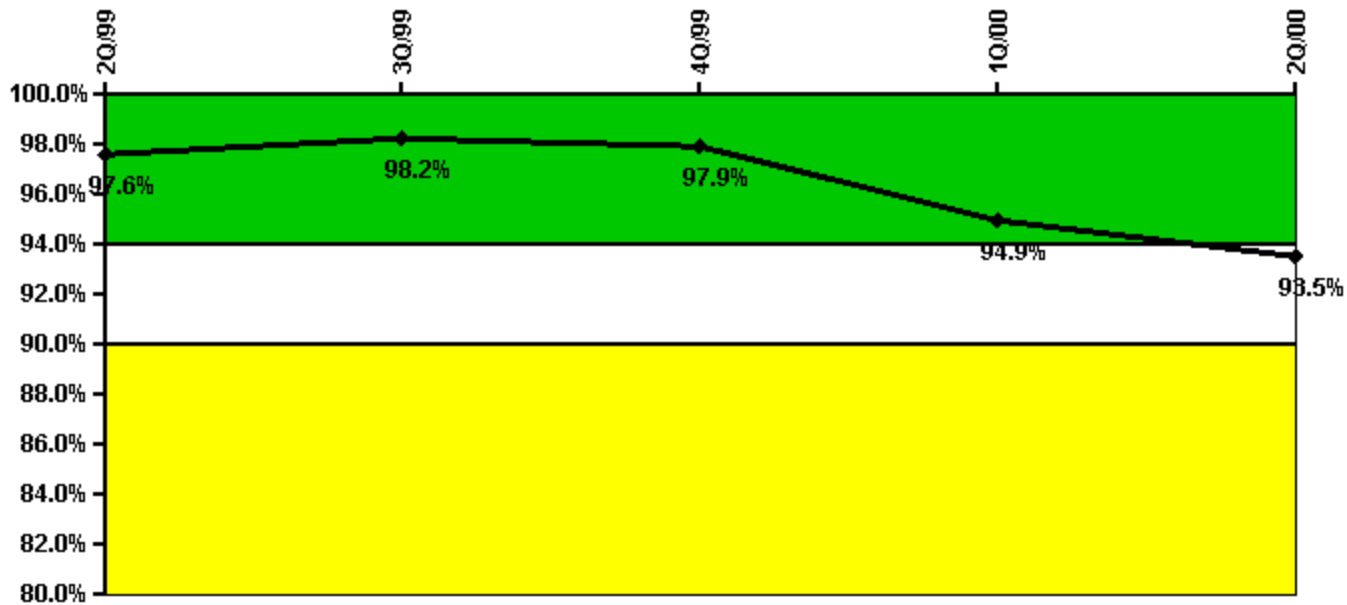
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel	38.0	35.0	38.0	38.0	38.0
Total Key personnel	39.0	38.0	39.0	40.0	39.0
Indicator value	97.4%	92.1%	97.4%	95.0%	97.4%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

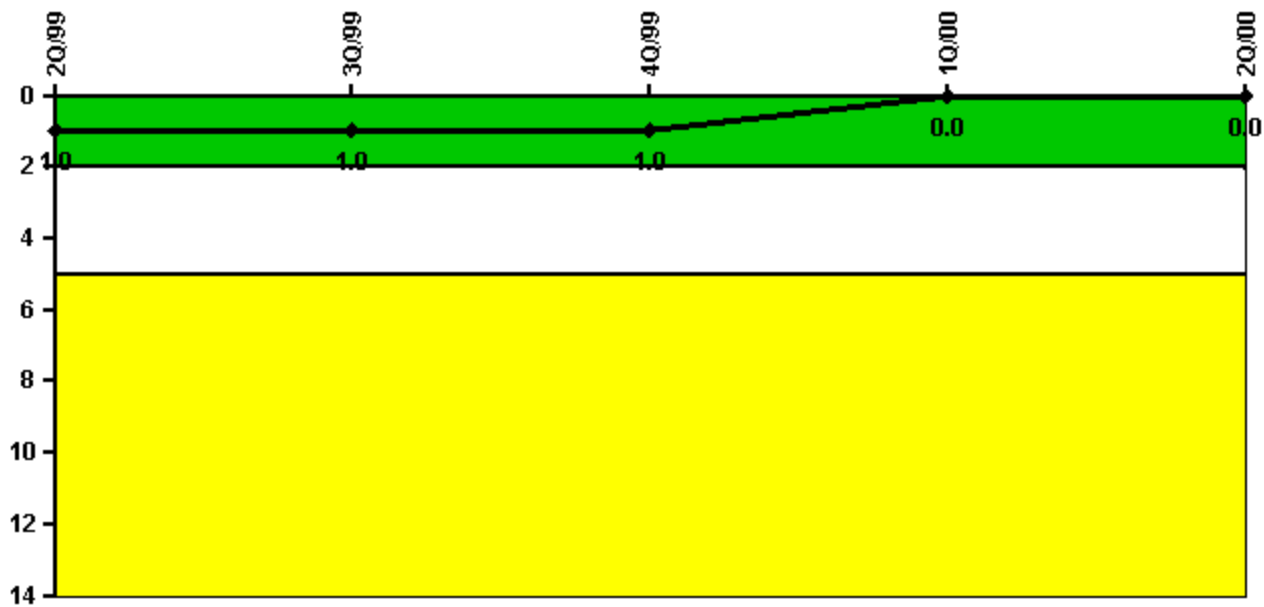
Notes

Alert & Notification System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful siren-tests	83	82	82	72	78
Total sirens-tests	84	84	84	84	84
Indicator value	97.6%	98.2%	97.9%	94.9%	93.5%

Licensee Comments:

2Q/00: An additional software/programming error with the new telemetry system was encountered on May 3. This problem caused six sirens to fail the May 3 test. We revised the software and hardware installing May 22/23. During extensive testing on May 24 the sirens were 100%. The decline in this performance indicator since fourth quarter 1999 is all attributable to the installation of new software and hardware associated with the remote telemetry system. As of May 24 the installation is considered complete (except for receipt of documentation) and no further telemetry induced siren malfunctions are anticipated. As the sirens themselves achieved 98%+ operability when manually verified (prior to January 2000), and the telemetry system is now reliable, this performance indicator is expected to steadily improve.

Occupational Exposure Control Effectiveness

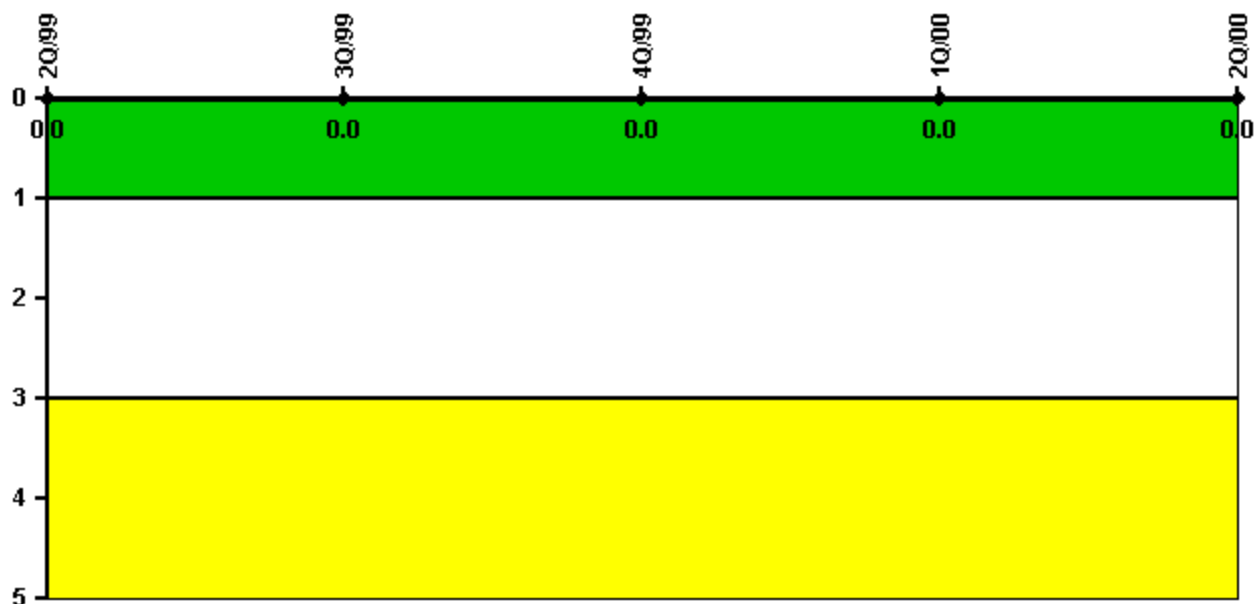


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	1	1	1	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

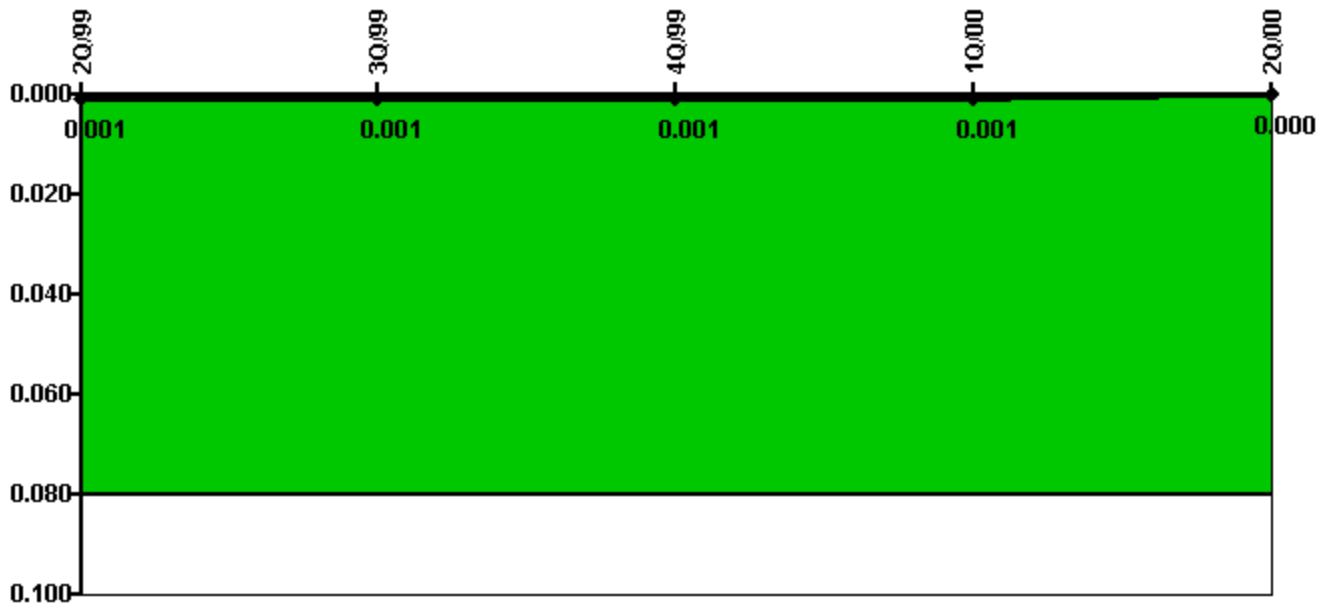
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



Thresholds: White > 0.080

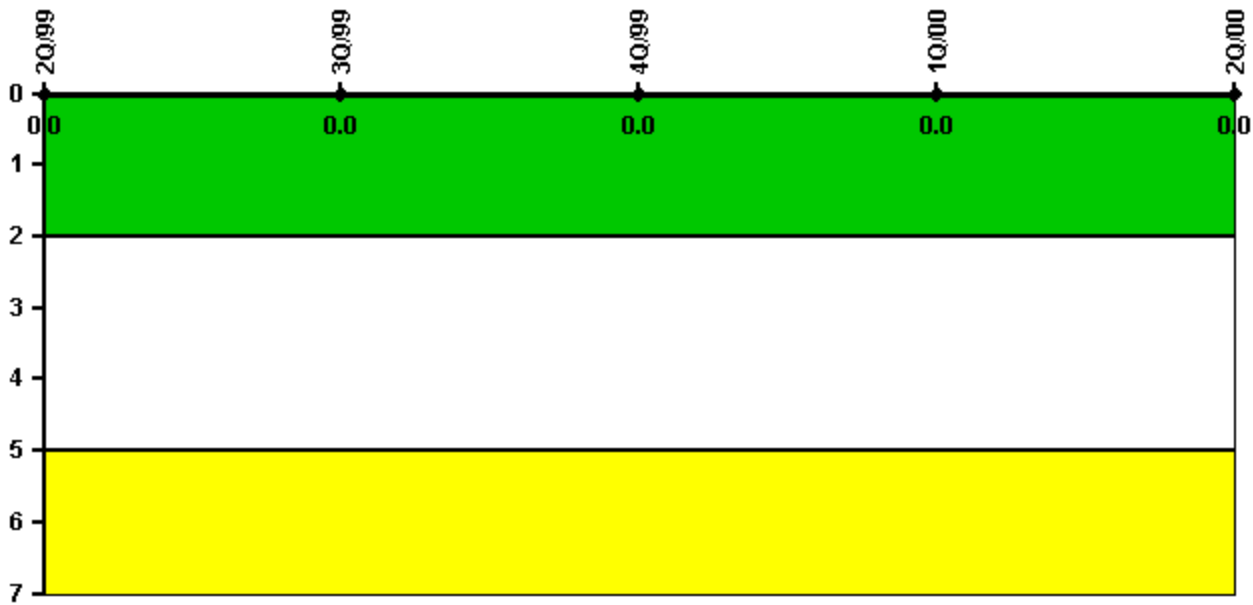
Notes

Protected Area Security Performance Index	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	7.50	0	8.60	0	0
CCTV compensatory hours	0	0	0.4	0	0
IDS normalization factor	1.20	1.20	1.20	1.20	1.20
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.001	0.001	0.001	0.001	0

Licensee Comments:

2Q/00: Engineering evaluation indicated a need to upgrade the intrusion detection and assessment systems. A modification package was initiated in October, 1997, and was approved in May, 1998. Typical compensatory hours for the IDS system that occurred since May, 1998, are not counted in this indicator as allowed by the NEI 99-02 Rev 0 guidance.

Personnel Screening Program



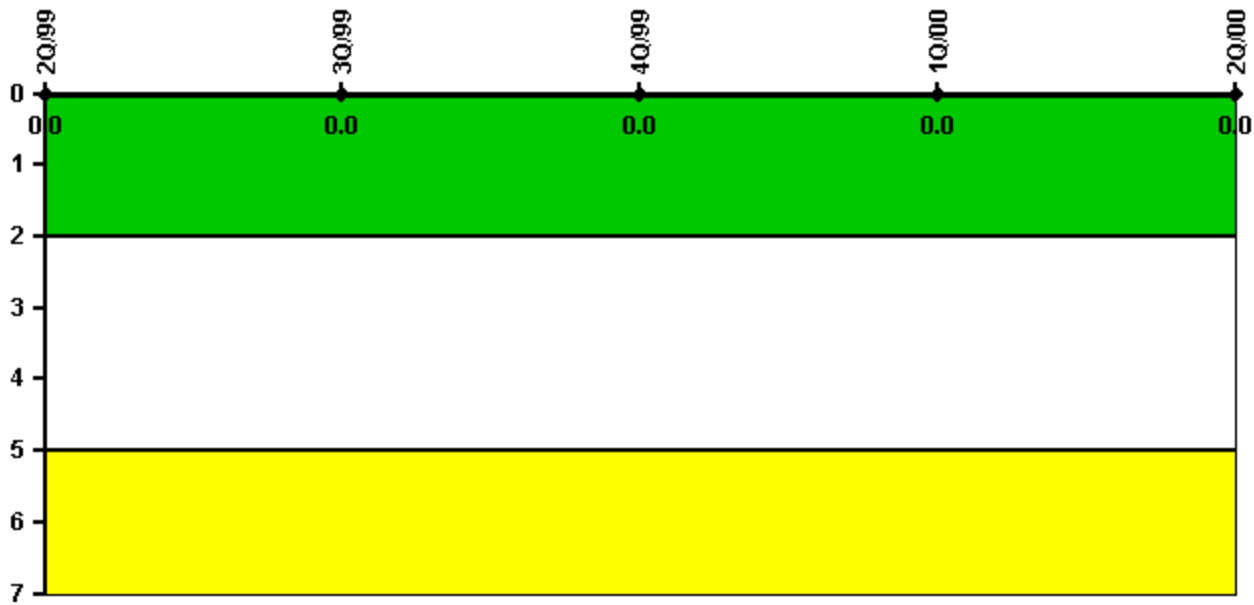
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none



[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 1, 2002